



2019 Project Review Sheet (2020 Construction)

City Council District 1 (Ballot # 1K)

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| Project # | 19-33 |
| Project Title: | Pedestrian safety improvements |
| Location: | Neighborhood: West Seattle Junction, 98126 Area: SW Alaska St. & 36th Ave. SW |

SDOT Contact Information

SDOT Reviewer Name: Andrew Merkley

Reviewer Phone Number: (206) 684-5102

Review Date: August 9th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: The traffic data did not support marking a crosswalk, but it warranted improvements to the crossing. SDOT recommends the installation of paint and post curb bulbs on the west leg of the intersection of 36th Avenue SW and SW Alaska Street to shorten the pedestrian crossing distance.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$20,000



Solution and Comments:

Traffic volume, speed, and pedestrian crossing data was collected at the intersection of SW Alaska Street and 36th Avenue SW. When compared to SDOT's guidelines for marked crosswalks, the ADT of approximately 5,800 vehicles per day and the 85th percentile speeds warrant crossing improvements. The pedestrian volumes, however, do not warrant marking the crosswalk.

The street is classified as an Urban Village Minor Arterial, that is prioritized for bicycle, transit and pedestrian improvements. The existing configuration of the intersection is a 3-lane cross section with flex zones on the north and south sides of SW Alaska Street.

Since a marked crosswalk is not warranted due to pedestrian volumes at this location, but the wide cross section and speeds warrant improvements to the crossing, it is recommended that paint and post curb bulbs be installed on the west leg of the intersection of 36th Avenue SW and SW Alaska Street to shorten the pedestrian crossing distance.

This review has been completed for use in the 2019 Your Voice, Your Choice: Parks & Streets process.



Image:



YVYC 2019: Project 19-33, SW Alaska St. & 36th Ave. SW



Information Provided by Community Members

Project Idea: Striping and/or blinking LED beacons to aid in crossing a busy neighborhood street.

Need for Project: To more safely connect neighbors and families on either side of Alaska with nearby bus stops and amenities like the YMCA. Unfortunately most drivers aren't tuned in to stopping for pedestrians here and need some visual indicators to help make crossing it in this neighborhood safer.

Community Benefit from Project: Families and neighbors accessing amenities like transit, the YMCA, nearby parks and grocery stores.



Risk Registry

| SDOT Review | Drainage impacts | Constructability | Community process |
|-------------|------------------|------------------|-------------------|
| Low | Low | Low | Low |

Cost Estimate

| Design Phase | |
|---|----------|
| Preliminary Engineering (Survey) Costs | \$0 |
| Project Management Costs (City Labor) | \$500 |
| Design Costs (Consultant Fees, if externally designed, internal labor otherwise) | \$4,000 |
| Subtotal - Design Phase Costs | \$4,500 |
| Design Contingency (10% of Design Phase Subtotal) | \$500 |
| Total Design Phase Costs | \$5,000 |
| Construction Phase | |
| Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary) | \$11,500 |
| Drainage Costs | \$0 |
| Estimating Contingency (10-20%) | \$1,000 |
| Subtotal - Construction Costs | \$12,500 |
| Construction Management (10-25% of Construction Cost) | \$1,000 |
| Construction Contingency (20%) | \$1,500 |
| Total Construction Phase Costs | \$15,000 |
| Total Project Cost = Total Design and Construction Phase Costs | \$20,000 |